

WHAT IS CLAIMED IS:

1 1. A method for discriminating connection between a first wireless device and a
2 second wireless device comprising:
3 establishing a predetermined connection authentication between the first wireless
4 device and the second wireless device;
5 measuring signal strength of the first device;
6 comparing the signal strength to a predetermined signal strength threshold value;
7 measuring signal rate change of the first device;
8 comparing the signal rate change to a predetermined signal rate change threshold
9 value;
10 connecting the first device to the second device if the predetermined connection
11 authentication, signal strength threshold value, and signal rate change value
12 are met.

1 2. The method for discriminating connection between a first wireless device and
2 a second wireless device of claim 1 wherein measuring signal strength and signal rate change
3 are performed by the second wireless device.

1 3. The method for discriminating connection between a first wireless device and
2 a second wireless device of claim 2 wherein measuring signal strength and signal rate change
3 are performed by the second wireless device.

1 4. The method for discriminating connection between a first wireless device and
2 a second wireless device of claim 2 wherein the predetermined signal strength threshold
3 value and the predetermined signal rate change threshold value are stored in a memory in the
4 second wireless device.

1 5. The method for discriminating connection between a first wireless device and
2 a second wireless device of claim 3 wherein the predetermined signal strength threshold
3 value and the predetermined signal rate change threshold value are stored in a memory in the
4 second wireless device.

1 6. The method for discriminating connection between a first wireless device and
2 a second wireless device of claim 1 wherein
3 the predetermined signal strength threshold value correlates to a predetermined
4 distance between the first wireless device and the second wireless device; and
5 the predetermined signal rate change threshold value correlates to a predetermined
6 distance rate change between the first wireless device and the second wireless
7 device.

1 7. The method for discriminating connection between a first wireless device and
2 a second wireless device of claim 6 wherein measuring signal strength and signal rate change
3 are performed by the second wireless device.

1 8. The method for discriminating connection between a first wireless device and
2 a second wireless device of claim 7 wherein measuring signal strength and signal rate change
3 are performed by an RF radio transceiver of the second wireless device.

1 9. The method for discriminating connection between a first wireless device and
2 a second wireless devices of claim 7 wherein the predetermined distance and the
3 predetermined distance rate change are stored in a memory in the second wireless device.

1 10. The method for discriminating connection between a first wireless device and
2 a second wireless device of claim 3 wherein the predetermined signal strength threshold
3 value and the predetermined signal rate change threshold value are stored in a memory in the
4 second wireless device.

11. An information handling system including a wireless device that receives signals from a second wireless device wherein the signals convey a signal strength and a signal rate change, comprised of:

- an RF radio transceiver capable of measuring the signal strength and the signal rate change of the second wireless device;
- a base-band circuit capable of comparing the signal strength to a predetermined signal strength threshold value and comparing the signal rate change to a predetermined signal rate change threshold value; wherein

the information handling system is operable to a connection to the second wireless device if the predetermined signal strength threshold value, and the predetermined signal rate change threshold value are met.

12. The information handling system of claim 11 further comprised of:

- a memory operable to store the predetermined signal strength threshold value and the predetermined signal rate change threshold value.

13. The information handling system of claim 12 wherein the memory is coupled to the base-band circuit.

14. The information handling system of claim 12 wherein the memory is coupled to the RF radio transceiver.

15. The information handling system of claim 11 wherein

- the predetermined signal strength threshold value correlates to a predetermined distance between the wireless information handling system first and the second wireless device; and
- the predetermined signal rate change threshold value correlates to a predetermined distance rate change between the wireless information handling device and the second wireless device.

16. The information handling system of claim 15 further comprised of:

- a memory operable to store the predetermined distance and the predetermined distance rate change.

1 17. The information handling system of claim 16 wherein the memory is coupled
2 to the base-band circuit.

1 18. The information handling system of claim 16 wherein the memory is coupled
2 to the RF radio transceiver.

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